

WHAT IS CLAIMED IS:

Sub-A 1. A display device comprising:

a display panel having an electrooptic material layer on a substrate, said display panel having a driver integrated circuit mounted on an extended area in which an edge of the substrate, said extended area provided in at least a margin of said display panel, wherein a control circuit board, provided above said driver integrated circuit so as to be substantially placed within said extended area, is connected to an input terminal portion of said driver integrated circuit.

2. A display device comprising a display panel having an electrooptic material layer sandwiched between a pair of substrates disposed opposite to each other, said display panel having a driver integrated circuit mounted on an extended area in which an edge of one of the substrates extends further than an edge of the other substrate, said extended area provided in at least a margin of said display panel, wherein a control circuit board, provided above said driver integrated circuit so as to be substantially placed within said extended area, is connected to an input terminal portion of said driver integrated circuit.

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second extended area are connected to an output terminal
portion of said control circuit board.

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5 are connected via a through hole or a via hole.

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9. A display device a
electrooptic material layer

10. A display device a
electrooptic material layer
emitting layer including an

play device a
terial layer
play device a
terial layer
including an

[illegible]

Sub A³

- a display device provided with a display panel having an electrooptic material on a substrate, said display panel having a driver integrated circuit mounted on an extended area in which an edge of the substrate, said extended area provided in at least a margin of said display panel, wherein a control circuit board, provided above said driver integrated circuit proximate said extended area, is connected to the input terminal portion of said driver integrated circuit; and

an input unit for inputting a signal to said display device;

wherein said display device is accommodated in a casing.

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could

a display device comprising a display panel including: a first and a second substrate opposed to each other; an electrooptic material layer provided between the first and second substrates; a first extended area provided in one of adjacent margins of said display panel; a second extended area provided in the other margin; scanning electrodes formed on a surface of the first substrate which is opposed to the second substrate; data-signal electrodes formed on a surface of the second substrate which is opposed to the first substrate; a scanning driver integrated circuit connected to said scanning electrodes which is mounted on the first extended area, in which the first substrate extends further than an edge of the second substrate; and a data-signal driver integrated circuit connected to said data-signal electrodes which is mounted on the second extended area, in which the second substrate extends further than an edge of the first substrate; wherein a control circuit board is provided at least above said scanning driver integrated circuit mounted in said first extended area or said data-signal driver integrated circuit mounted in said second extended area so as to be proximate a plane region of either extended area, and an input terminal portion of said scanning driver integrated circuit mounted in said first extended area and an input terminal portion of

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                an input unit for inputting a signal to said
30  display device;

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wherein said display device is accommodated in a casing.

Sub B17

13. An electronic apparatus according to Claim 11, wherein the input terminal portion of said driver integrated circuit above which said control circuit board is mounted is connected to an end of an input wiring portion formed on
5 said extended area in which said driver integrated circuit is mounted, and another end of the input wiring portion is extended through to a vicinity of a shorter side of said extended area and is connected to said control circuit board.

Sub A4

14. An electronic apparatus according to Claim 11, wherein said control circuit board comprises a circuit-wiring pattern formed on a flexible insulating-resin substrate and electronic components mounted thereon for
5 controlling a driving of said display panel.

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15. An electronic apparatus according to Claim 12, wherein said control circuit board, mounted on one of the first extended area and the second extended area, extends so as to be connected to an end of an input wiring portion
5 formed close to a shorter side of the other said extended area which is adjacent to said one of the extended areas.

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16. An electronic apparatus according to Claim 11, wherein said control circuit board has a multilayer structure having an insulating layer interposed between a plurality of wiring layers in which predetermined upper and lower wiring layers are connected by a through hole.

17. An electronic apparatus according to Claim 14, wherein said control circuit board includes a flexible input wiring portion.

Sub A5

18. An electronic apparatus according to Claim 11, wherein said electrooptic material layer is a liquid-crystal layer.

19. An electronic apparatus according to Claim 11, wherein said electrooptic material layer is an electroluminescent light-emitting layer including an electroluminescent material.

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20. An electronic apparatus according to Claim 11, wherein the control circuit board of said display device includes a flexible input wiring portion for establishing connection to said input unit.

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25. A display device according to Claim 7, wherein said control circuit board includes a flexible input wiring portion.

Sub A7

26. A display device according to Claim 3, wherein said electrooptic material layer is an electroluminescent light-emitting layer including an electroluminescent material.

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27. An electronic apparatus according to Claim 12, wherein said control circuit board comprises a circuit-wiring pattern formed on a flexible insulating-resin substrate and electronic components mounted thereon for
5 controlling a driving of said display panel.

Sub B17

28. An electronic apparatus according to Claim 12, wherein said control circuit board has a multilayer structure having an insulating layer interposed between a plurality of wiring layers in which predetermined upper and
5 lower wiring layers are connected by a through hole.

29. An electronic apparatus according to Claim 15, wherein said control circuit board includes a flexible input wiring portion.

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Cont. 30. An electronic apparatus according to Claim 12,
wherein said electrooptic material layer is a liquid-crystal
layer.

31. An electronic apparatus according to Claim 12,
wherein the control circuit board of said display device
includes a flexible input wiring portion for establishing
connection to said input unit.

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